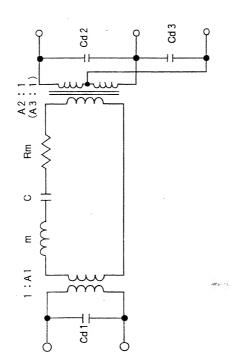


F1.98



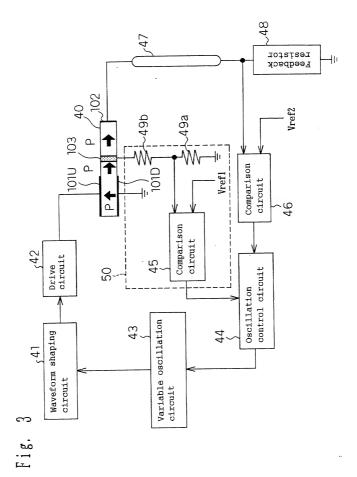


Fig. 4 (a)

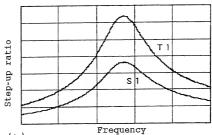
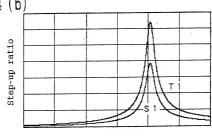
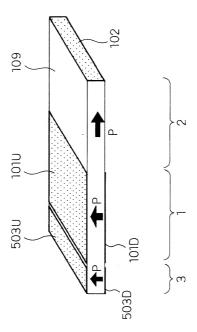


Fig. 4 (b)\_

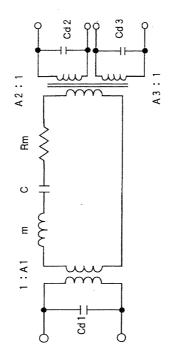


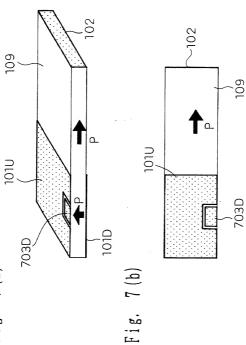
Frequency

... ...



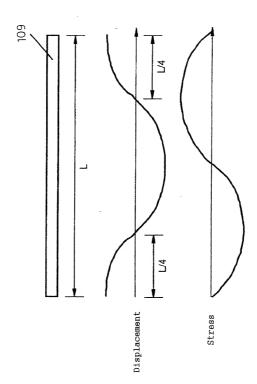
F 1 8.





P: polarization direction

... ....



. . . .

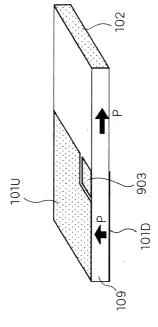
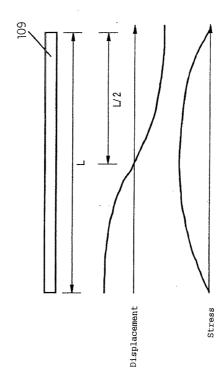
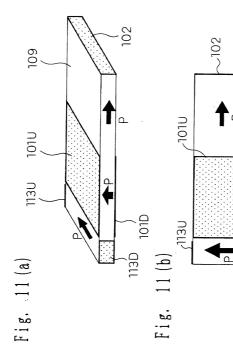


Fig. 10

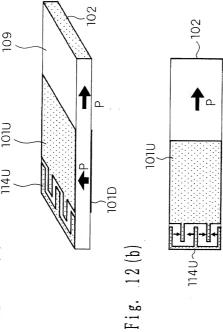


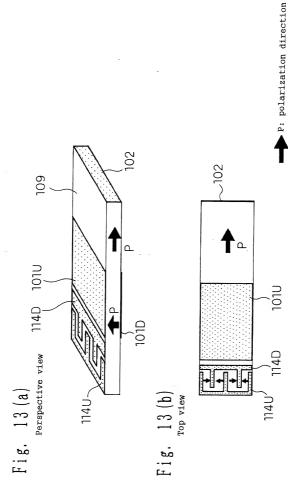


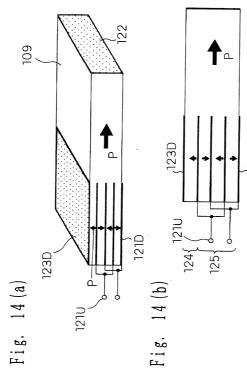
P: polarization direction

109

Fig. 12 (a)



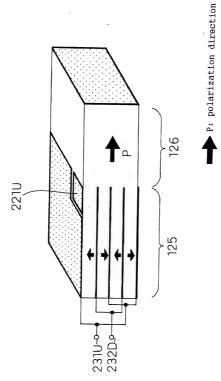




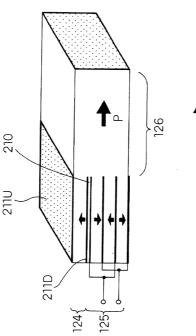
P: polarization direction

126

18.



18.



▶ P: polarization direction

Fig. 17

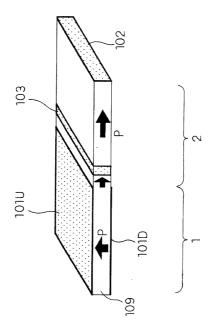
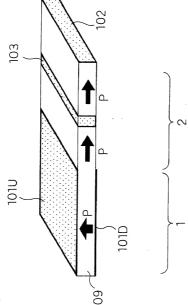


Fig. 18



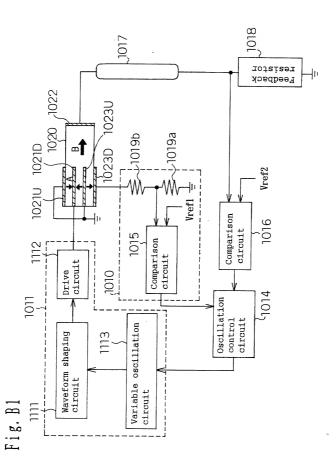


Fig. B2 (a)

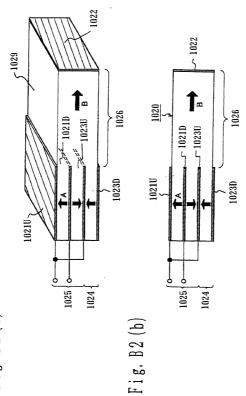


Fig. B3

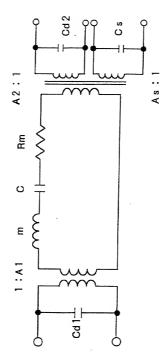


Fig. B4 (a)

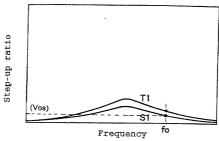
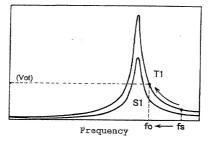


Fig. B4 (b)





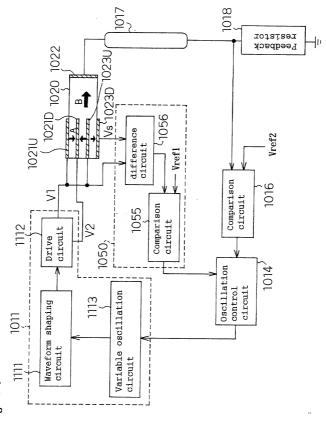


Fig. B5

Fig. B6

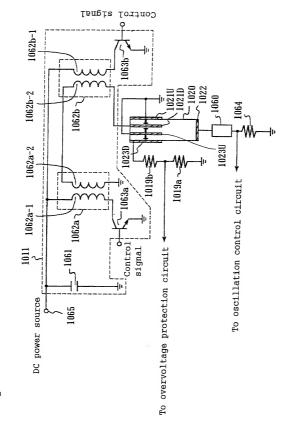


Fig. B7

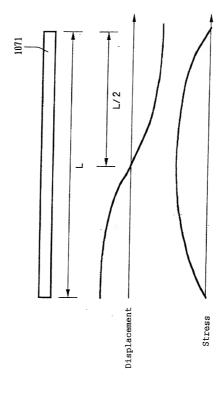


Fig. B8

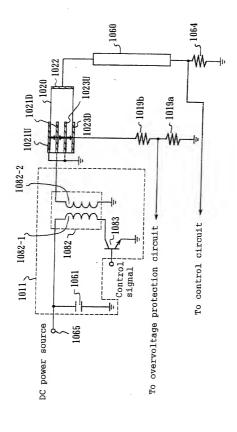
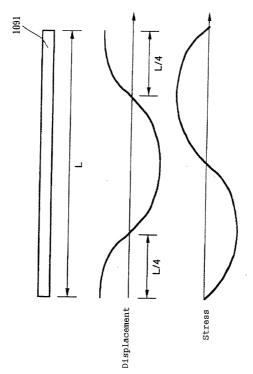
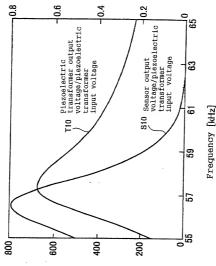


Fig. B9



Sensor output voltage/piezoelectric



fransformer input voltage
Piezoelectric fransformer output

Fig. B10

Fig. B11

franstormer jubnf noffade noffade/bjesoefectric bjesoefectric franstormer onfbnf

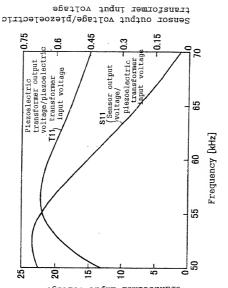
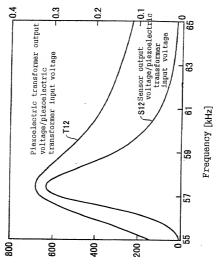


Fig. B12

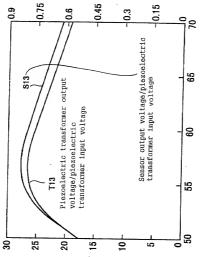
fransformer input voltage
Piesoelectric
Piesoelectric



Sensor output voltage/piezoelectric

Fig. B13

teansformer input voltage -teansformer input voltage



Sensor output voltage/piezoelectric transformer input voltage

Frequency [kHz]

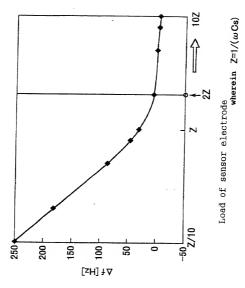
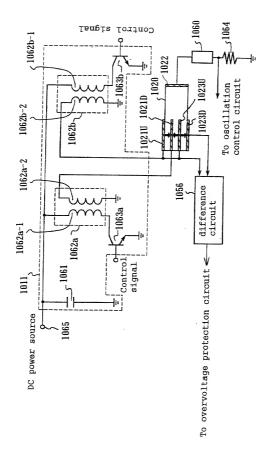


Fig. B15



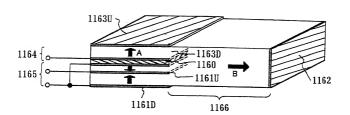


Fig. B17 PRIOR ART

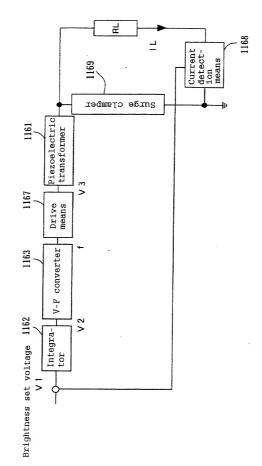


Fig. B18 PRIOR ART

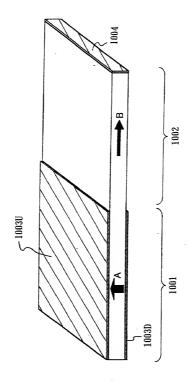


Fig. B19 PRIOR ART

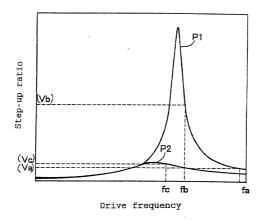


Fig. B20 prior art

